

Biographies:

Esha Chatterjee is a Ph.D. candidate in the Department of Chemistry at Oregon State University. Her research interests include biosensor development, nanoparticle synthesis and microfabrication. She received her BS in Pharmaceutical Sciences in 2003 and her MS in Pharmaceutics in 2005 from Birla Institute of Technology, India.

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Pallavi Dhagat is an Assistant Professor in the School of Electrical Engineering and Computer Science at Oregon State University. Her research interests include magnetic sensors, spintronics and information storage.

Vincent T. Remcho received his BS in biochemistry in 1989 and his Ph.D. in chemistry (with Prof. Harold McNair) in 1992 at Virginia Tech. He was an Associated Western Universities NW Postdoctoral fellow with Professor J. Calvin Giddings at the University of Utah and Dr. Nathan Ballou at the Pacific Northwest National Laboratory. Currently he is Professor of Chemistry and of Materials Science, and adjunct Professor of Biochemistry & Biophysics at Oregon State University. He is a founding member of the Oregon Nanoscience and Microtechnologies Institute (ONAMI). His research group focuses on the design, modeling and optimization of microscale analytical and reaction systems and the application of these systems in biochemical, environmental, and nanomanufacturing problem solving. He is a National Science Foundation CAREER award recipient and has been recognized for teaching excellence. He has numerous publications in the field of analytical chemistry.